

 Office of Emergency Medical Services and Trauma	INDEX	R-T-11-EMT-D
	EFFECTIVE	7/1/2011
	LAST REVIEW	7/1/2011
	PAGES	4
	VERSION	2011

Minimum Equipment Required for Emergency Medical Technician Initial Education Programs

This document lists the minimum equipment required for Emergency Medical Technician initial education programs. Equipment that is optional is noted as such. Each level of instruction must possess the minimal equipment needs for the students to meet each stated objective. Additional resources may be needed from outside sources, but it is the instructor's responsibility to ensure that appropriate equipment is available for the number of students enrolled in the program. When instructors are teaching a skill/procedure to the students, the required 6:1 ratio of students to instructors must be met. Each lab session should have sufficient equipment (and related supplies) available so that each student group (6 or less students) has access to the needed equipment/supplies necessary for the skill(s) they are learning.

NOTE: Equipment listed is required for Emergency Medical Technician initial education programs. Notes may indicate that a specific piece of equipment is optional, or may clarify the equipment description. Gaps in numbering/lettering (i.e. going from 1 to 3) on a equipment group mean that the unlisted equipment is not required at the Emergency Medical Technician level.

General Equipment/Supplies		Level	NOTES
1.	Personal Protection Equipment		
	a. gloves - assorted (all sizes) (latex and latex-free)	EMT	
	b. face and eye protection	EMT	
	c. HEPA/N95 masks	EMT	
	d. gowns- assorted sizes	EMT	
	e. high visibility vests	EMT	
	f. escape hoods/PAPR's	EMT	1 per institution.
	g. waterless hand cleaner	EMT	
2.	Communication/Documentation equipment		
	a. portable radios (two-way)	EMT	A minimum of 2 per institution.
	b. ambulance patient care reports (PCR's)	EMT	This could include online/computer based documentation tools.
3.	Manikins/Simulators (some commercial devices may have multiple functions)		
	a. airway manikins - (infant, child, and adult sizes)	EMT	
	b. CPR manikins (infant, child, and adult sizes)	EMT	
	g. childbirth manikin	EMT	
	k. trauma manikin	EMT	At least 1 per institution.

General Equipment/Supplies		Level	NOTES
4.	Miscellaneous equipment		
	a. aluminum foil	EMT	
	b. football helmet	EMT	1 per institution.
	c. blankets	EMT	
	d. cold and hot chemical packs	EMT	
	e. cotton swabs	EMT	
	f. emesis container	EMT	
	g. flashlight	EMT	
	h. jump kit (complete)	EMT	This should be stocked with equipment consistent with the level of provider being taught.
	i. motorcycle helmet (open and closed)	EMT	1 of each per institution.
	j. EMS stretcher w/ straps to include shoulder harness	EMT	EMT, AEMT, and Paramedic programs should own a stretcher. EMR programs should either own, or have an agreement to use, a stretcher during the appropriate portions of the initial education.
	k. EMS cot pediatric device	EMT	1 per institution. This can be a infant/child safety seat.
	l. pillow	EMT	
	m. stair chair	EMT	Programs should either own, or have an agreement to use, a stair chair during the appropriate portions of the initial education.
	n. tongue depressor	EMT	
	o. irrigation fluid (may be expired)	EMT	
	p. linen (towels, sheets)	EMT	
	q. anatomical charts/models	EMT	
	r. moulage kit	EMT	1 Commercial or home-made moulage kit per institution.
	s. disaster/triage tags	EMT	1 set per institution.

Airway and Breathing Equipment		Level	NOTES
1.	Supplemental oxygen therapy		
	a. high concentration oxygen mask - non-rebreather (adult and pediatric)	EMT	
	b. nasal cannula (adult and pediatric)	EMT	
	c. simple mask (adult and pediatric)	EMT	
	d. venturi mask	EMT	
	e. nebulizer (mask and hand-held device)	EMT	
	f. oxygen supply tubing	EMT	
	g. oxygen humidification device	EMT	Optional (may use Nebulizer to humidify oxygen).
	h. portable oxygen tank w/regulator	EMT	
2.	Basic airway management		
	a. oropharyngeal airways (infant, child, and adult sizes)	EMT	
	b. nasopharyngeal airways (infant, child, and adult sizes)	EMT	
	c. bite sticks	EMT	
3.	Ventilation management		
	a. mouth to barrier device (i.e. face-shields, pocket mask)	EMT	
	b. bag-valve mask resuscitators - (infant, child and adult sizes)	EMT	
	c. manually triggered ventilator	EMT	Optional.
	d. automatic transport ventilator	EMT	Programs should either own, or have an agreement to use, a ventilator (for EMT/AEMT, ventilator should only adjust rate/volume) during the appropriate portions of the initial education.

Airway and Breathing Equipment		Level	NOTES
4.	Suctioning		
	a. suction tubing	EMT	
	b. suction catheters - soft (various sizes)	EMT	
	c. suction catheters - rigid	EMT	
	d. suction unit - battery powered	EMT	
	e. suction unit - manually operated (i.e. v-vac)	EMT	
	f. bulb syringe	EMT	May be included as part of the OB kit.
5.	Advanced airway management		
	o. water based lubricant	EMT	

Assessment Equipment		Level	NOTES
1.	Basic assessment equipment		
	a. blood pressure cuffs (infant, child, adult, and large adult)	EMT	
	b. stethoscope	EMT	Programs should also have training stethoscopes.
	c. penlight	EMT	
	d. thermometer	EMT	
2.	Advanced assessment equipment		
	a. glucose monitoring device w/strips and lancets	EMT	
	b. pulse oximeter	EMT	

Pharmacological Intervention Equipment		Level	NOTES
1.	Fundamental pharmacological equipment		
	a. unit dose/auto-injector trainers	EMT	Including the Mark I kit trainer.
	b. assortment of over-the-counter medications	EMT	Such as aspirin, acetaminophen, motrin, oral glucose.
3.	Equipment for the administration of medications/fluids		
	b. aerosol bronchodilators - may be commercial simulations (MDI)	EMT	MDI with spacers are also recommended.
	c. aerosol bronchodilators - may be commercial simulations (prefilled doses for nebulizing)	EMT	
	d. medications utilized in training for each scope of practice. - may be commercial simulations	EMT	
	i. poison antidote kit w/ activated charcoal	EMT	
	j. Epi-Pen trainer	EMT	
	k. medication tablets - may be commercial simulations	EMT	May be expired medications or commercial replicas. Medications should be appropriate to the scope of practice for that provider level.

Cardiac/Medical Equipment		Level	NOTES
1.	Fundamental cardiac equipment		
	a. AED trainer (with pads)	EMT	
2.	Advanced cardiac equipment		
	a. mechanical CPR assist device	EMT	Optional.
3.	Emergency childbirth management		
	a. OB kit	EMT	
4.	Behavioral emergency equipment		
	a. soft/disposable or leather restraints	EMT	

Trauma Care Equipment		Level	NOTES
1.	Equipment for splinting/immobilization		
	a. splints - (various types and sizes) (rigid & soft)	EMT	
	b. cervical collars - assorted sizes or adjustable (ped & adult)	EMT	
	c. head stabilization devices (various types)	EMT	
	d. long back boards	EMT	
	e. immobilization straps (various sizes/types)	EMT	
	f. scoop stretcher	EMT	
	g. short immobilization device (vest type)	EMT	
	h. pediatric immobilization device	EMT	
	i. traction splint (adult and pediatric)	EMT	Programs should have various types of traction splints.
2.	Equipment/supplies for bandaging/dressing		
	a. abdominal pad	EMT	
	b. elastic bandage (various sizes)	EMT	
	c. adhesive bandage with a non-stick center	EMT	
	d. elastic gauze	EMT	
	e. burn sheet (sterile) or clean wrapped sheets	EMT	
	f. gauze pads (sterile and non-sterile) (4x4 and 2x2)	EMT	
	g. multi-trauma dressing	EMT	
	h. trauma scissors	EMT	
	i. sterile eye pads	EMT	
	j. triangular bandage	EMT	
	k. petroleum gauze	EMT	
	l. tape [various sizes (1" to 3")]	EMT	
	m. commercial tourniquet for progressive bleeding control	EMT	